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In The United States Patent and Trademark Office

Appn. Ser. Number: 10/723,567
Application Filed: 2003 November 25
Applicant(s): Frank Sacca
Application. Title: Inertial Pointer For Electronic Displays
Primary Examiner: Wu, Xiao Min
Art Unit: 2629

Mailed 2006 May 31, Diamond Bar

Preliminary Amendment to the Claims

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In response to the Office Communication of May 25, 2006, kindly amend the above application by canceling the claims of record 1 to 5, and substituting new claims 6 to 11 as follows:

Claim 1 (canceled): An apparatus to determine position coordinates from sensing linear acceleration relative to space (inertia), comprising: a linear acceleration sensor; and an integrator, wherein the acceleration is integrated at a rate appropriate for the resolution of the position coordinate.

Claim 2 (canceled): The apparatus of claim 1 further including an analog-to-digital converter.

Claim 3 (canceled): The apparatus of claim 2 further including a digital adder.